

## NRR-PMDAPEm Resource

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**From:** Orenak, Michael  
**Sent:** Friday, January 23, 2015 2:36 PM  
**To:** Milster, Leia Elizabeth (lmilste@entergy.com)  
**Subject:** Questions for public meeting on the Ch 15 re-analysis

Leia,

Below are the questions (in no particular order) that we will be desiring answers for in the public meeting on the Ch. 15 re-analysis due to slow rod-drop times. These are just the questions I've collected so far, so there could be more coming and I'll let you know asap if/when they do (but I don't expect many more). As for answering the questions, we just desire an honest reply, even if it is "we don't know".

1. Did the analysis method change from the current FSAR?
2. Did the DNBR correlation calculation change?
3. What is the worst DNBR limiting case and how significant is it?
4. Will the worst DNBR limiting case result in fuel failure?
5. If the fuel fails in the DNBR limiting case, will a dose analysis be redone?
6. Is Waterford sure that the 0.2 second delay is a result of the S/G replacement? If not, what could the other causes be (e.g., guide tube bending/friction)?
7. When was this issue discovered?
8. Has this issue been trending in the past?
9. How have the current drop times deviated from the drop times in topical reports used by Waterford? If so, are the topical reports still applicable?
10. What are the non-LOCA transients discussed in the FSAR Chapter 15 analysis that need to be reanalyzed?
11. Are there any analysis or test results that support that the increased control rod drop time will not be greater than 0.2 seconds?
12. What are the TS changes involved to support the rod drop time increase?
13. Are there any changes to COLSS and CPCS database or addressable constants (e.g., increase in ROPM) as a result of increased drop times?
14. Are there any planned, augmented rod insertion surveillance testing going forward to confirm new analysis scram times?

If you need clarification on these questions, please let me know so I can gather the reviewer. Whenever you have an idea when the public meeting can be held, please let me know ASAP and I'll get the process moving.

Mike

**Hearing Identifier:** NRR\_PMDA  
**Email Number:** 1847

**Mail Envelope Properties** (Michael.Orenak@nrc.gov20150123143600)

**Subject:** Questions for public meeting on the Ch 15 re-analysis  
**Sent Date:** 1/23/2015 2:36:25 PM  
**Received Date:** 1/23/2015 2:36:00 PM  
**From:** Orenak, Michael

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Tracking Status: None

**Post Office:**

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2046	1/23/2015 2:36:00 PM

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**